



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 11751429
SAU: Westbrook School Department
School: Fred C Wescott School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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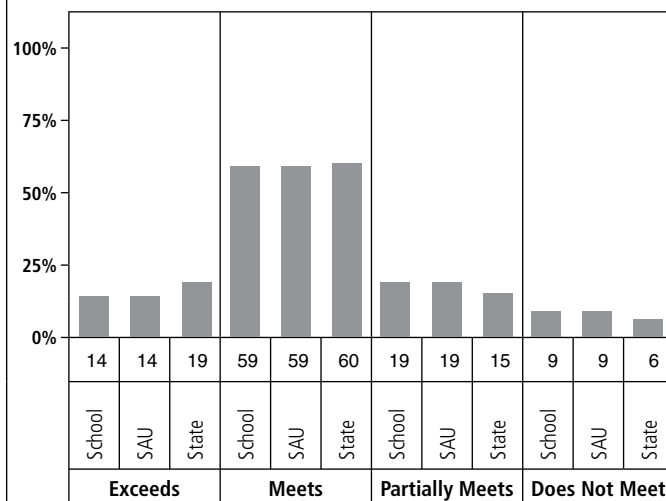
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: Westbrook School Department
School: Fred C Wescott School

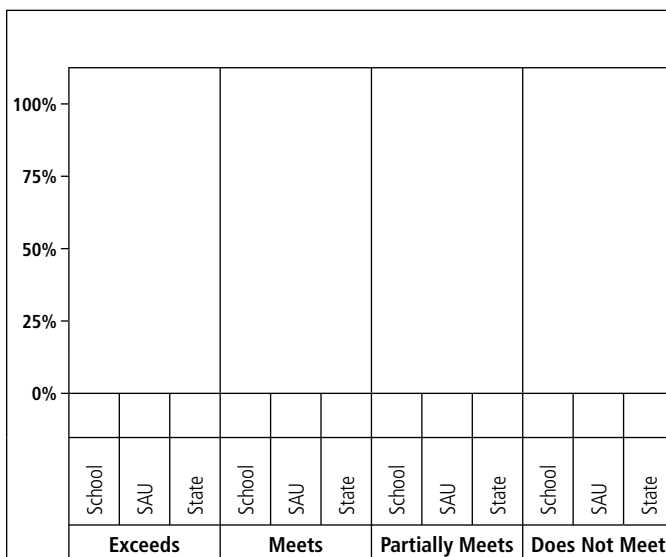
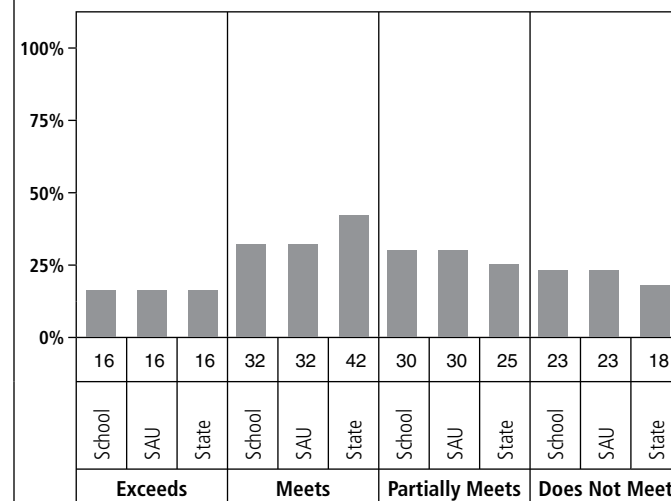
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	746	746	748
2007–2008	747	747	750
2008–2009	749	749	751
Cum. Avg.*	747	747	750
Mathematics			
2006–2007	739	739	742
2007–2008	742	742	743
2008–2009	743	743	745
Cum. Avg.*	741	741	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: Westbrook School Department
School: Fred C Wescott School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	196	100	196	100	14446	100	195	100	195	100	14316	99	195	100	195	100	14322	99						
Ethnicity African American/Black	15	8	15	8	432	3	15	100	15	100	416	97	15	100	15	100	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	2	1	2	1	260	2	2	100	2	100	255	98	2	100	2	100	259	100						
Hispanic	5	3	5	3	147	1	5	100	5	100	144	99	5	100	5	100	144	99						
Caucasian/White	174	89	174	89	13483	93	173	100	173	100	13380	99	173	100	173	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	36	18	36	18	2428	17	35	100	35	100	2391	99	35	100	35	100	2391	99						
Current LEP	4	2	4	2	334	2	4	100	4	100	318	95	4	100	4	100	328	98						
Economically disadvantaged	91	46	91	46	5498	38	91	100	91	100	5431	99	91	100	91	100	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	152	78	152	78	11742	81	152	78	152	78	11754	81						
Identified disability (PET/IEP)	2	1	2	1	367	3	2	1	2	1	365	3						
LEP	1	1	1	1	168	1	1	1	1	1	169	1						
504 plan	3	2	3	2	183	2	3	2	3	2	187	2						
Participation with accommodations	41	21	41	21	2367	16	41	21	41	21	2366	16						
Identified disability (PET/IEP)	31	76	31	76	1819	77	31	76	31	76	1824	77						
LEP	3	7	3	7	143	6	3	7	3	7	154	7						
504 plan	5	12	5	12	84	4	5	12	5	12	80	3						
Other	2	5	2	5	358	15	2	5	2	5	346	15						
Participation through alternate assessment (PAAP)	2	1	2	1	205	1	2	1	2	1	202	1						
Identified disability (PET/IEP)	2	100	2	100	205	100	2	100	2	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	1	1	1	1	33	0	1	1	1	1	32	0						
Non-participation – other	0	0	0	0	97	1	0	0	0	0	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: Westbrook School Department
School: Fred C Wescott School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	20	12	20	12	2630	18
	2007-2008	23	12	23	12	2604	18
	2008-2009	27	14	27	14	2618	19
	Cum. Total*	70	13	70	13	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	90	54	90	54	7605	51
	2007-2008	103	56	104	56	8049	55
	2008-2009	113	59	113	59	8484	60
	Cum. Total*	306	56	307	56	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	39	23	39	23	3000	20
	2007-2008	40	22	40	21	2672	18
	2008-2009	36	19	36	19	2108	15
	Cum. Total*	115	21	115	21	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	17	10	17	10	1620	11
	2007-2008	19	10	20	11	1190	8
	2008-2009	17	9	17	9	899	6
	Cum. Total*	53	10	54	10	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.9	58.8	32.9	58.8	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.3	56.5	11.3	56.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.6	60.0	21.6	60.0	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Westbrook School Department
 School: Fred C Wescott School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	193	27	14	113	59	36	19	17	9	749	193	14	59	19	9	749	14109	19	60	15	6	751
Ethnicity																						
African American/Black	15	0	0	8	53	2	13	5	33	740	15	0	53	13	33	740	409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	1										1						253	24	59	11	6	753
Hispanic	5	1	20	2	40	0	0	2	40	741	5	20	40	0	40	741	142	14	56	17	13	747
Caucasian/White	172	26	15	102	59	34	20	10	6	750	172	15	59	20	6	750	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	33	1	3	10	30	10	30	12	36	734	33	3	30	30	36	734	2186	2	36	35	27	737
No	160	26	16	103	64	26	16	5	3	752	160	16	64	16	3	752	11923	22	65	11	3	754
Current LEP																						
Yes	4										4						311	4	41	29	26	739
No	189	27	14	111	59	36	19	15	8	749	189	14	59	19	8	749	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	89	5	6	53	60	17	19	14	16	745	89	6	60	19	16	745	5300	8	58	22	11	746
No	104	22	21	60	58	19	18	3	3	753	104	21	58	18	3	753	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	193	27	14	113	59	36	19	17	9	749	193	14	59	19	9	749	14101	19	60	15	6	751
Gender																						
Female	97	16	16	60	62	14	14	7	7	751	97	16	62	14	7	751	6993	24	61	11	4	754
Male	96	11	11	53	55	22	23	10	10	747	96	11	55	23	10	747	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1025	10	53	27	11	745
No	193	27	14	113	59	36	19	17	9	749	193	14	59	19	9	749	13084	19	61	14	6	752
Gifted/talented program																						
Yes	14	9	64	5	36	0	0	0	0	765	14	64	36	0	0	765	676	66	33	1	0	766
No	179	18	10	108	60	36	20	17	9	748	179	10	60	20	9	748	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 7
 SAU: Westbrook School Department
 School: Fred C Wescott School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	5	38	2	15	6	46	733	7	0	38	15	46	733	7	8	48	25	19	743
B. less than one hour	40	12	16	40	53	17	22	7	9	748	40	16	53	22	9	748	52	17	62	15	6	751
C. one to two hours	45	15	17	58	67	11	13	2	2	753	45	17	67	13	2	753	37	23	61	12	4	753
D. more than two hours	8	0	0	9	60	5	33	1	7	746	8	0	60	33	7	746	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	32	18	29	31	50	8	13	5	8	753	32	29	50	13	8	753	30	33	56	7	4	756
B. good	49	9	10	66	70	14	15	5	5	750	49	10	70	15	5	750	49	16	64	14	5	751
C. fair	13	0	0	12	48	10	40	3	12	742	13	0	48	40	12	742	19	5	59	26	10	745
D. poor	5	0	0	3	30	4	40	3	30	734	5	0	30	40	30	734	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	30	10	18	35	63	8	14	3	5	752	30	18	63	14	5	752	33	24	62	10	3	754
B. They match some of what I have learned.	52	15	15	59	60	19	19	5	5	750	52	15	60	19	5	750	52	18	62	15	5	751
C. They match just a little of what I have learned.	15	2	7	15	54	7	25	4	14	744	15	7	54	25	14	744	11	11	54	23	13	746
D. There is no match.	3	0	0	1	17	1	17	4	67	725	3	0	17	17	67	725	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	13	2	8	12	48	4	16	7	28	740	13	8	48	16	28	740	17	16	55	18	12	748
B. about the same as my regular schoolwork	75	22	16	86	61	28	20	5	4	751	75	16	61	20	4	751	65	19	62	14	5	752
C. easier than my regular schoolwork	11	3	14	12	57	2	10	4	19	748	11	14	57	10	19	748	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	12	0	0	10	45	5	23	7	32	736	12	0	45	23	32	736	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	57	15	14	65	60	23	21	6	6	749	57	14	60	21	6	749	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	31	12	20	37	63	7	12	3	5	753	31	20	63	12	5	753	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	41	10	13	45	58	17	22	5	6	749	41	13	58	22	6	749	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	55	17	16	65	63	15	14	7	7	751	55	16	63	14	7	751	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	2	22	3	33	4	44	732	5	0	22	33	44	732	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	17	9	28	16	50	4	13	3	9	753	17	28	50	13	9	753	21	27	57	11	5	755
B. 20 minutes to an hour	37	11	16	46	66	12	17	1	1	752	37	16	66	17	1	752	45	22	62	12	4	753
C. less than 20 minutes	15	0	0	20	71	6	21	2	7	747	15	0	71	21	7	747	13	13	61	17	8	749
D. I rarely read at home.	32	7	11	30	49	14	23	10	16	745	32	11	49	23	16	745	21	7	59	24	11	746
Optional school/SAU question																						
A.	50	0	0	1	50	1	50	0	0	744	50	0	50	50	0	744						
B.	0										0											
C.	0										0											
D.	50	0	0	1	50	0	0	1	50	738	50	0	50	0	50	738						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: Westbrook School Department
School: Fred C Wescott School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	17	10	17	10	2142	14
	2007-2008	30	16	30	16	2028	14
	2008-2009	30	16	30	16	2220	16
	Cum. Total*	77	14	77	14	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	51	31	51	31	5642	38
	2007-2008	64	34	64	34	5703	39
	2008-2009	62	32	62	32	5879	42
	Cum. Total*	177	33	177	32	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	56	34	56	34	4077	27
	2007-2008	44	24	44	23	3733	26
	2008-2009	57	30	57	30	3537	25
	Cum. Total*	157	29	157	29	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	41	25	41	25	3001	20
	2007-2008	48	26	50	27	3054	21
	2008-2009	44	23	44	23	2484	18
	Cum. Total*	133	24	135	25	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	28.5	50.9	28.5	50.9	29.9	53.4
A. Number	14	25	7.7	55.0	7.7	55.0	7.7	55.0
B. Data	16	29	7.6	47.5	7.6	47.5	8.1	50.6
C. Geometry	12	21	6.5	54.2	6.5	54.2	6.9	57.5
D. Algebra	14	25	6.8	48.6	6.8	48.6	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Westbrook School Department
 School: Fred C Wescott School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	193	30	16	62	32	57	30	44	23	743	193	16	32	30	23	743	14120	16	42	25	18	745
Ethnicity																						
African American/Black	15	1	7	3	20	7	47	4	27	734	15	7	20	47	27	734	416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	1										1						258	25	43	19	13	750
Hispanic	5	0	0	1	20	2	40	2	40	732	5	0	20	40	40	732	142	8	39	23	30	739
Caucasian/White	172	29	17	58	34	47	27	38	22	744	172	17	34	27	22	744	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	33	0	0	7	21	6	18	20	61	726	33	0	21	18	61	726	2189	2	17	27	53	728
No	160	30	19	55	34	51	32	24	15	746	160	19	34	32	15	746	11931	18	46	25	11	748
Current LEP																						
Yes	4										4						323	4	20	28	48	729
No	189	30	16	62	33	55	29	42	22	743	189	16	33	29	22	743	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	89	5	6	25	28	29	33	30	34	735	89	6	28	33	34	735	5308	7	35	30	28	738
No	104	25	24	37	36	28	27	14	13	749	104	24	36	27	13	749	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	193	30	16	62	32	57	30	44	23	743	193	16	32	30	23	743	14112	16	42	25	18	745
Gender																						
Female	97	15	15	32	33	27	28	23	24	742	97	15	33	28	24	742	6992	16	43	25	16	745
Male	96	15	16	30	31	30	31	21	22	743	96	16	31	31	22	743	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1024	7	26	36	31	736
No	193	30	16	62	32	57	30	44	23	743	193	16	32	30	23	743	13096	16	43	24	17	745
Gifted/talented program																						
Yes	14	12	86	2	14	0	0	0	0	775	14	86	14	0	0	775	676	68	29	2	0	767
No	179	18	10	60	34	57	32	44	25	740	179	10	34	32	25	740	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: Westbrook School Department
School: Fred C Wescott School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	1	8	2	15	10	77	719	7	0	8	15	77	719	7	6	30	28	36	735
B. less than one hour	40	11	14	22	29	27	36	16	21	742	40	14	29	36	21	742	52	16	42	25	17	745
C. one to two hours	45	17	20	36	42	22	26	11	13	748	45	20	42	26	13	748	37	18	44	24	14	747
D. more than two hours	8	2	13	3	20	6	40	4	27	741	8	13	20	40	27	741	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	26	19	39	15	31	7	14	8	16	754	26	39	31	14	16	754	26	35	43	12	9	754
B. good	47	11	12	36	40	29	32	14	16	744	47	12	40	32	16	744	46	13	48	25	15	745
C. fair	22	0	0	10	24	17	40	15	36	732	22	0	24	40	36	732	23	3	32	37	27	737
D. poor	5	0	0	1	10	4	40	5	50	725	5	0	10	40	50	725	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	23	16	37	12	28	9	21	6	14	752	23	37	28	21	14	752	26	23	43	20	13	749
B. They match some of what I have learned.	51	7	7	37	38	31	32	23	23	740	51	7	38	32	23	740	53	15	45	26	15	746
C. They match just a little of what I have learned.	19	3	8	13	35	15	41	6	16	742	19	8	35	41	16	742	17	9	35	32	24	740
D. There is no match.	7	4	31	0	0	2	15	7	54	737	7	31	0	15	54	737	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	38	0	0	25	35	25	35	22	31	735	38	0	35	35	31	735	37	8	40	29	23	740
B. about the same as my regular schoolwork	44	11	13	28	34	26	31	18	22	743	44	13	34	31	22	743	51	16	44	25	15	746
C. easier than my regular schoolwork	18	19	56	8	24	6	18	1	3	761	18	56	24	18	3	761	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	4	5	34	39	27	31	22	25	740	46	5	39	31	25	740	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	48	23	26	26	29	27	30	14	16	747	48	26	29	30	16	747	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	6	3	27	2	18	1	9	5	45	737	6	27	18	9	45	737	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	12	3	13	5	22	5	22	10	43	736	12	13	22	22	43	736	8	8	30	29	33	737
B. 30–45 minutes	50	13	14	30	31	30	31	23	24	742	50	14	31	31	24	742	38	13	40	27	20	743
C. 45–60 minutes	32	13	21	21	34	21	34	6	10	748	32	21	34	34	10	748	42	20	45	23	12	748
D. more than 60 minutes	6	1	9	6	55	1	9	3	27	740	6	9	55	9	27	740	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	3	1	17	0	0	1	17	4	67	734	3	17	0	17	67	734	15	19	38	25	19	745
B. two or three days a week	20	14	37	9	24	10	26	5	13	749	20	37	24	26	13	749	31	18	42	24	16	746
C. two or three times a month	27	13	25	16	31	14	27	8	16	749	27	25	31	27	16	749	26	17	43	24	17	746
D. never or almost never	50	2	2	37	39	32	33	25	26	738	50	2	39	33	26	738	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	5	2	20	1	10	3	30	4	40	737	5	20	10	30	40	737	10	12	39	24	24	741
B. two or three days a week	8	1	6	6	38	6	38	3	19	741	8	6	38	38	19	741	22	13	43	26	18	744
C. two or three times each month	46	5	6	38	44	28	32	16	18	742	46	6	44	32	18	742	33	18	44	25	13	747
D. never or almost never	41	22	28	17	22	20	26	19	24	745	41	28	22	26	24	745	35	16	40	25	19	744
Optional school/SAU question																						
A.	50	0	0	1	50	0	0	1	50	736	50	0	50	0	50	736						
B.	0										0											
C.	0										0											
D.	50	0	0	1	50	1	50	0	0	744	50	0	50	50	0	744						

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